

Applicant(s) : Ping Sheng ZHANG and Hai Ping CAO  
U.S. Serial No.: 09/839,078  
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response is now due February 8, 2005, and this Amendment is being timely filed.

Applicants also hereby submit a Request for Continued Examination to continue the prosecution of this application. Applicants hereby authorize the Commissioner to charge the corresponding fee of SEVEN HUNDRED AND NINETY DOLLARS (\$790.00) to Deposit Account 50-1891. A copy of the Request for Continued Examination Transmittal form (PTO/SB/30) is attached herein as Exhibit A.

Additionally, Applicants hereby submit a Change of Correspondence Address form to associate the above-identified application with Customer Number 33729. A copy of the Change of Correspondence Address form (PTO/SB/122) is attached herein as Exhibit B.

Furthermore, the Attorney Docket No. for this application is incorrectly shown as "29876/37280." Please amend the USPTO records to correctly show the Attorney Docket No. as "746."

#### Information Disclosure Statement

In accordance with their duty of disclosure under 37 C.F.R. §1.56, Applicants hereby submit an Information Disclosure Statement (IDS) for the Examiner's consideration. A copy of the Information Disclosure Statement (PTO/SB/08A) is attached herein as Exhibit C, and a copy of the reference is attached herein as Exhibit D.

On Exhibit C, the reference listed is as follows:

1. U.S. Patent No. 6,182,413 B1, filed July 27, 1999

In the December 16, 2003 Office Action, the Examiner stated that the IDS citing foreign patent document, Hai LIN, CN

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2438558Y, filed October 8, 2000, did not comply with 37 C.F.R. 1.97, 1.98, and MPEP § 609, because there was not a concise explanation of its relevance in English. In response, Applicants hereby submit, as Exhibit E, an English translation of the Abstract of LIN.

Claim amendment fee calculation

	Claims remaining after amendment		Highest No. Previously Paid	Present Extra	Rate	Additional Fee
Total	14	Minus	20	0	X \$50.00	\$0.00
Ind.	2	Minus	3	0	X \$200.00	\$0.00

No additional claims fees are required for filing this Amendment.

Please amend the specification as follows:

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REMARK

Claims 1-12 are pending in the Application. By this Amendment, Applicants have canceled claims 1-12 and added new claims 13-26. New claims 13-26 do not contain any new matter. Support for the new claims may be found *inter alia* in the U.S. Patent Application Publication for Zhang, et al., US 2002/0152701 A1, namely:

Claim 13-15: Abstract, Figures 1 and 4.  
Claim 16, 20, 22: Page 2, paragraph 17.  
Claim 17-19: Page 2, paragraph 16.  
Claim 21 and 26: Page 2, paragraph 19.  
Claim 23 Page 2, paragraph 15.  
Claim 24 Abstract, Figures 1 and 4.  
Claim 25 Figures 1, 2, and 4.

Accordingly, Applicants respectfully request the entry of this Amendment.

The Examiner to whom the application has been assigned has rejected Claims 1-12.

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Claim Rejections - 35 USC § 102(b)

The Examiner rejected claims 1, 2, 4, and 5 under 35 U.S.C. 102(b) as being anticipated by U.S. Pat. No. 5,822,944 issued to Penland, Sr. (hereinafter as "Penland, Sr.").

The Examiner's rationale for the rejections are found on page 2 of the September 8, 2004 Office Action.

In response but without conceding the correctness of the Examiner's position and to expedite the prosecution of this Application, Applicants have canceled claims 1-12 without prejudice. The new claims do not contain the above mentioned issues, thereby rendering this ground of rejection moot.

Penland, Sr. discloses a flooring system "formed by interlocking both the ends and sides of a plurality of mat units." (Penland, Sr., Abstract) Each mat unit includes "two layers of boards". (Penland, Sr., Abstract) The first and second layer contain "end locking tabs extending beyond the edge of the first or second layer and corresponding end locking slots. (Penland, Sr., Abstract)

Applicants' claim 13 recites:

A flexible flooring system comprising a plurality of planks, each plank comprising:

(a) a first top layer including a first plurality of strips that are secured together, each of the first plurality of the strips having a grain extending generally in a longitudinal direction of the plank;  
and

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(b) a second bottom layer including a second plurality of strips, each strip having a grain extending generally transversely to the longitudinal direction of the plank, wherein the second plurality of strips are spaced from one another by gaps having appropriate gap width.

Penland, Sr. does not teach or disclose a two-layer mat unit where the boards on the bottom layer are placed apart from one another by gaps. The flooring system in Penland, Sr. is formed by interlocking both ends and sides of a plurality of mat units. The end locking tabs and corresponding end locking slots must form a tight fit, without any gaps or spaces between the boards that make up the end locking tabs and the boards that make up the corresponding end locking slots, so that the flooring system will be "strong and sturdy enough to support heavy equipment." (Penland, Sr., Abstract)

In contrast, the bottom layer of Applicants' flooring plank comprises a plurality of strips which are spaced from one another by gaps having appropriate gap width to produce the desired flexibility of the planks. (Page 2, paragraph 16). Increasing the space between the two strips will improve the stability and flatness of the floor covering, if the sub-floor contains irregularities or uneven portions. The appropriate gap width between the strips on the bottom layer, which depends on factors such as the desired flexibility of the flooring planks, the condition of the sub-floor, and the weather pattern of the site of installation, may be readily determined by one of ordinary skill in the art.

In addition, to construct the flooring system as disclosed in Penland, Sr., which contains end locking tabs and corresponding end locking slots, the top boards that make up

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the top layer and the bottom boards that make up the bottom layer of the mat unit must be perpendicular to one another.

In contrast, the strips on top layer and the strips on the bottom layer of Applicants' claimed invention need not be perpendicular for joinder by nature of the tongue and groove which are machined on the second bottom layer.

Accordingly, in light of the new claims and the above responses, Applicants respectfully request the reconsideration and withdrawal of the above ground(s) of rejection.

Claim Rejections - 35 USC § 103(a)

The Examiner rejected:

Claims 3 and 6 under 35 U.S.C. 103(a) as being unpatentable over U.S. Pat. No. 5,822,944 issued to Penland, Sr. in view of U.S. Pat. No. 3,509,234 issued to Burlant;

Claim 7 under 35 U.S.C. 103(a) as being unpatentable over U.S. Pat. No. 5,822,944 issued to Penland, Sr. in view of U.S. Pat. No. 6,291,078 issued to Chen; and

Claims 8-12 under 35 U.S.C. 103(a) as being unpatentable over U.S. Pat. No. 5,822,944 issued to Penland, Sr. in view of U.S. Pat. No. 3,509,234 issued to Burlant and in further view of U.S. Pat. No. 5,671,575 issued to Wu.

In response but without conceding the correctness of the Examiner's position and to expedite the prosecution of this Application, Applicants have canceled claims 1-12 without prejudice. The new claims do not contain the above mentioned issues, thereby rendering this ground of rejection moot.

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Accordingly, Applicants respectfully request the reconsideration and withdrawal of the above ground(s) of rejection.

#### Conclusion

Applicants respectfully maintain that the rejections and/or objections stated in the September 8, 2004 Final Office Action have been fully addressed. Therefore, this Application is in full compliance with all requirements. Accordingly, Applicants respectfully urge the Examiner to reconsider and withdraw all rejections and/or objections stated in the Non-final Office action and place this Application in condition for allowance.

If a telephone interview would be of assistance in advancing prosecution of the subject application, Applicants' undersigned attorney invites the Examiner to telephone him at the number provided below.

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No fee other than the ONE THOUSAND TWO HUNDRED AND FORTY DOLLAR (\$1,240.00) fee for the request for continued examination and the two-month extension of time is deemed necessary in connection with the filing of this Amendment. However, if any additional fee is required, authorization is given to charge the amount of any such fee to Deposit Account No. 50-1891.

I hereby certify that this paper is being  
facsimile transmitted to:  
  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Fax No.: (703) 872-9306  
  
on the date shown below.  
Albert Wai-Kit Chan 2/8/05  
Albert Wai-Kit Chan Date  
Reg. No. 36,479

Respectfully submitted,

Albert Wai-Kit Chan / Jc

Albert Wai-Kit Chan  
Registration No. 36,479  
Attorney for Applicants  
World Plaza, Suite 604  
141-07 20<sup>th</sup> Avenue  
Whitestone, New York 11357  
Tel: (718) 357-8836  
Fax: (718) 357-8615  
e-mail: kitchanlaw@aol.com